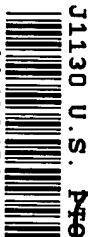


11/14/01



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12/06/01

A

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | |
|------------------------|-----------------------------------|
| Attorney Docket No. | 7849.002 |
| First Inventor | James A. Van Vechten |
| Title | Three Dimensional Electroassembly |
| Express Mail Label No. | EL 915418950 US |

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 26]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 21]
5. Oath or Declaration [Total Pages 2]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: **Certificate of Express Mailing**

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: _____ / _____

Prior application information:

Examiner: _____

Group Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS☐ Customer Number or Bar Code Labelor ☒ Correspondence address below

| | | | | | |
|---------|-----------------------|-----------|----------------|----------|----------------|
| Name | William O. Geny, Esq. | | | | |
| Address | 1600 ODS Tower | | | | |
| | 601 SW Second Avenue | | | | |
| City | Portland | State | Oregon | Zip Code | 97204-3157 |
| Country | U.S. | Telephone | (503) 227-5631 | Fax | (503) 228-4373 |

| | | | |
|-------------------|-----------------|-----------------------------------|------------|
| Name (Print/Type) | William O. Geny | Registration No. (Attorney/Agent) | 27444 |
| Signature | | Date | 11/14/2001 |

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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**FEE TRANSMITTAL
for FY 2002**

Patent fees are subject to annual revision.

Complete if Known

| | |
|----------------------|----------------------|
| Application Number | |
| Filing Date | 11/14/2001 |
| First Named Inventor | James A. Van Vechten |
| Examiner Name | |
| Group Art Unit | |
| Attorney Docket No. | 7849.002 |

TOTAL AMOUNT OF PAYMENT (\$) 541.00

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 03-1550

Deposit Account Name Chernoff, Vilhauer et al.

☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☒ Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

101 740 201 370 Utility filing fee

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

114 160 214 80 Provisional filing fee

Fee Paid

370.00

SUBTOTAL (1) (\$) 370.00

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------------|--------------|----------------|----------|
| 39 | -20** = 19 | 9.00 | 171.00 |
| Independent Claims | 3 | -3** = 0 | 0.00 |
| Multiple Dependent | | 0.00 | 0.00 |

Large Entity Small Entity

Fee Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$)

103 18 203 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

109 84 209 42 ** Reissue independent claims over original patent

110 18 210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 171.00)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | Small Entity | Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|--------------|----------|----------|----------|----------|--|----------|
| 105 | 130 | 205 | 65 | | | Surcharge - late filing fee or oath | |
| 127 | 50 | 227 | 25 | | | Surcharge - late provisional filing fee or cover sheet | |
| 139 | 130 | 139 | 130 | | | Non-English specification | |
| 147 | 2,520 | 147 | 2,520 | | | For filing a request for <i>ex parte</i> reexamination | |
| 112 | 920* | 112 | 920* | | | Requesting publication of SIR prior to Examiner action | |
| 113 | 1,840* | 113 | 1,840* | | | Requesting publication of SIR after Examiner action | |
| 115 | 110 | 215 | 55 | | | Extension for reply within first month | |
| 116 | 400 | 216 | 200 | | | Extension for reply within second month | |
| 117 | 920 | 217 | 460 | | | Extension for reply within third month | |
| 118 | 1,440 | 218 | 720 | | | Extension for reply within fourth month | |
| 128 | 1,960 | 228 | 980 | | | Extension for reply within fifth month | |
| 119 | 320 | 219 | 160 | | | Notice of Appeal | |
| 120 | 320 | 220 | 160 | | | Filing a brief in support of an appeal | |
| 121 | 280 | 221 | 140 | | | Request for oral hearing | |
| 138 | 1,510 | 138 | 1,510 | | | Petition to institute a public use proceeding | |
| 140 | 110 | 240 | 55 | | | Petition to revive - unavoidable | |
| 141 | 1,280 | 241 | 640 | | | Petition to revive - unintentional | |
| 142 | 1,280 | 242 | 640 | | | Utility issue fee (or reissue) | |
| 143 | 460 | 243 | 230 | | | Design issue fee | |
| 144 | 620 | 244 | 310 | | | Plant issue fee | |
| 122 | 130 | 122 | 130 | | | Petitions to the Commissioner | |
| 123 | 50 | 123 | 50 | | | Processing fee under 37 CFR 1.17(q) | |
| 126 | 180 | 126 | 180 | | | Submission of Information Disclosure Stmt | |
| 581 | 40 | 581 | 40 | | | Recording each patent assignment per property (times number of properties) | |
| 146 | 740 | 246 | 370 | | | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 | 740 | 249 | 370 | | | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 | 740 | 279 | 370 | | | Request for Continued Examination (RCE) | |
| 169 | 900 | 169 | 900 | | | Request for expedited examination of a design application | |
| Other fee (specify) | | | | | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0.00

SUBMITTED BYName (Print/Type) William O. Geny
Signature *William O. Geny*Registration No. 27444
(Attorney/Agent)**Complete (if applicable)**

Telephone (503) 227-5631

Date 11/14/2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

CERTIFICATE OF MAILING

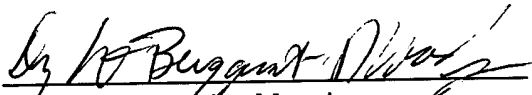
BY "EXPRESS MAIL"

Express Mail N° EL 915418950 US

Date of Deposit: November 14, 2001

I hereby certify that the documents listed below which are attached hereto, all relating to the United States patent application entitled **THREE DIMENSIONAL ELECTROASSEMBLY**, James A. Van Vechten *et al.*, Inventors, are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10 on the date indicated above and addressed to Commissioner for Patents, BOX PATENT APPLICATION, Washington, D.C. 20231.

Utility Patent Application Transmittal
Specification, Claims & Abstract (26 pages)
Drawings (21 pages)
Power of Attorney by James A. Van Vechten
Power of Attorney by J. Dustin Hultine
Declaration for Utility Design Patent Application
Fee Transmittal for FY 2002
Check #58639 in the amount of \$541 for fees
Return Receipt Postcard
Certificate of Service by Express Mail


Dwight Bergquist-Moody

10001171401

PATENT APPLICATION SERIAL NO. _____

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE
FEE RECORD SHEET

12/10/2001 WABDELRI 0000002E 10003171

| | |
|-----------|-----------|
| 01 F01201 | 370.00 GP |
| 02 F01203 | 171.00 EP |

PTO-1556
(5/87)